

# Monthly Summary Sheet for March 2003

## *Gilbert and Mosley Project – Wichita, Kansas*

### **Plumes ABE Construction Activities**

CDM continued the Phase II (environmental education building and plaza area) and Phase III (various site improvements) construction activities in March 2003, and the groundwater treatment system continued to pump and treat large quantities of contaminated groundwater. The environmental education building efforts included installation of overhead light fixtures; final plumbing and electrical connections; carpet installation; painting efforts; and a wide variety of other finishing activities (finishing efforts in the classroom are shown to the right). The plaza efforts included



additional concrete sidewalks; three of the vertical light columns; sandblasting activities; earthwork backfill and landscaping; and various other activities. The construction efforts for the berms and the irrigation system continued, and the concrete formwork, rebar, and window frames for the fish observatory walls were constructed (as shown to the left). The groundwater treatment system pumped and treated over 36 million gallons of contaminated groundwater during March 2003 for a total treated volume of approximately 113 million gallons.

**Anticipated April activities:** The environmental education building and the plaza area will be substantially complete in early April, and construction efforts will continue for the various site improvement items (berms, parking lots, irrigation system, fish observatory, etc.). The groundwater treatment system will continue to pump and treat approximately 1.2 million gallons of groundwater a day.

### **Monitoring Activities**

CDM began compiling the data from the First Quarter 2003 Site Monitoring Network sampling efforts that included the collection of 143 groundwater/surface water samples and water level elevation data from 161 measuring points. CDM also continued the Plumes ABE treatment system performance monitoring with the measurement of extraction well water levels and collection of samples from the treatment system influent and effluent flows. The data from these efforts will be presented in the First Quarter 2003 Site Monitoring Report. CDM and City of Wichita staff met with KDHE staff to discuss the MTBE detected in the groundwater at several locations throughout the Gilbert and Mosley Site, and KDHE staff initiated investigations and evaluations to determine the solution for this issue.

**Anticipated April activities:** CDM will complete the preparation of the First Quarter 2003 Site Monitoring Network Report to present the water level data and the analytical results from the sampling efforts.

### **Source Area Activities**

CDM continued to prepare the draft source control measures reports for the Harcros (727 E. Osie Street) and Tri-State Central (724 E. Osie Street) source areas and for the South Washington and English source area (149 and 157 South Washington sources).

**Anticipated April activities:** CDM will complete the source area investigation work at the Harcros/Tri-State Central and the South Washington and English source areas with the final preparation of the source control measures reports.